

CLAIMS

1. An oscillator array comprising:
a plurality of series-connected oscillators; and
5 at least one band elimination filter which is disposed between
respective adjacent two of said oscillators.
2. The oscillator array according to claim 1, wherein
another band elimination filter is disposed between said oscillator and
10 said band elimination filter, and
a resistance is disposed between a ground point and a point between
said band elimination filter and the another band elimination filter.
3. A synchronization method of an oscillator array comprising: a
15 plurality of series-connected oscillators; and at least one band elimination
filter which is disposed between respective adjacent two of said oscillators,
wherein
signal generated from each of said oscillators is in phase with signal
reflected by corresponding band elimination filter at elimination frequencies
20 of said band filter, and is in opposite phase with signal leaked from
corresponding band elimination filter, by which stable oscillation is performed,
with oscillation frequency of said oscillator balanced with optimum frequency
between natural frequency of said oscillator and the elimination frequencies
of said band elimination filter, while said oscillators are synchronized by
25 using the elimination frequencies as reference frequencies.